

CLAIMS:

5 *Sub B1C*
1. A method of trapping and/or killing pests, such as insects, wherein at least a part of a pest to be trapped or killed is exposed to a particulate composition comprising particles containing or consisting of at least one magnetic material, in combination with one or more pesticides or behaviour modifying chemicals.

10 2. A method as claimed in claim 1 wherein the particles have an average particle size diameter in the range of from 2 to 100 μ m.

15 3. A method as claimed in claim 1 ~~or claim 2~~ wherein the magnetic material is a ferromagnetic oxide.

20 4. A method as claimed in ^{claim 1} ~~any one of the preceding claims~~ wherein the particles are applied to a surface in an area in which pests are present, preferably a surface which is inclined to the horizontal.

25 5. A method as ^{claim 1} ~~claimed in any one of the preceding claims~~ wherein the composition comprises at least 10% by weight of magnetic particles.

30 6. A method as ^{claim 1} ~~claimed in any one of the preceding claims~~ wherein the pesticide or behaviour modifying chemical is admixed with the particles of the magnetic material.

35 7. A method as ^{claim 1} ~~claimed in any one of claims 1 to 5~~ where the pesticide or behaviour modifying chemical is coated onto the particles of the magnetic material.

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8. A method as claimed in ^{claim 1} ~~any one of claims 1 to 5~~ wherein the particles are composite particles which comprise a core of an inert substrate which is impregnated with and/or coated with the magnetic material.

9. A method as claimed in claim 8 wherein the core comprises silicon dioxide, magnesium silicate, diatomaceous earth, cellulose or a natural or synthetic polymer.

10. A method as claimed in claim 8 ~~or claim 9~~ wherein the inert substrate has a pesticide or behaviour modifying chemical impregnated thereon or associated therewith.

11. A method as claimed in claim 10 wherein the pesticide is an insecticide, fungicide, acaricide, insect growth regulator or chemosterilant.

12. A method as claimed in ^{claim 1} ~~any one of claims 1 to 10~~ wherein the pesticide is a bacterium, virus or fungus.

13. A method as claimed in ^{claim 1} ~~any one of claims 1 to 10~~ wherein the behaviour modifying chemical is a pheromone.

14. A method as claimed in ^{claim 6} ~~any one of claims 6, 7 or 10~~ to 13 wherein the pesticide or behaviour modifying chemical comprises at least 0.1% by weight of the cores of the particles.

15. A pesticidal composition in particulate form which comprises composite particles each comprising a core of an inert substance having a pesticide or behaviour modifying chemical impregnated thereon or

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associated therewith and the core being impregnated or coated with a magnetic material.

16. A pesticide composition as claimed in claim 5 15 wherein the core comprises silicon dioxide, magnesium silicate, diatomaceous earth, cellulose or a natural or synthetic polymer.

17. A pesticidal composition in particulate form which comprises particles containing or consisting of a magnetic material in admixture with a pesticide or behaviour modifying chemical or particles of a magnetic material coated with a pesticide or behaviour modifying chemical.

18. A pesticide composition as claimed in ^{claim 15} ~~any~~ ~~one of claims 15 to 17~~ wherein the pesticide is an insecticide, fungicide, acaricide, insect growth regulator or chemosterilant.

19. A pesticide composition as claimed in ^{claim 15} ~~any~~ ~~one of claims 15 to 17~~ wherein the pesticide is a bacterium, virus or fungus.

20. A pesticide composition as claimed in ^{claim 15} ~~any~~ ~~one of claims 15 to 17~~ wherein the behaviour modifying chemical is a pheromone.

21. A pesticide composition as claimed in ^{claim 15} ~~any~~ ~~one of claims 15 to 20~~ wherein the pesticide or behaviour modifying chemical comprises at least 0.1% by weight of the cores of the particles.

22. A pesticide composition as claimed in ^{claim 15} ~~any~~ ~~one of claims 15 to 21~~ wherein the magnetic material is a ferromagnetic oxide.

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23. An insect trap which comprises a housing, a zone of the housing or a zone within the housing comprising a magnetically polarized material and the said zone being coated with a composition comprising particles containing or consisting of a magnetic material of opposite polarity to that of the magnetically polarized material.

24. An insect trap as claimed in claim 23 wherein the zone of the magnetically polarized material is formed by a portion of at least one wall of the housing.

25. An insect trap as claimed in claim 23 ~~or claim 24~~ wherein the zone of the magnetically polarized material comprises a removable insert placed within the housing.

26. An insect trap as claimed in claim 23 ~~or claim 24~~ wherein the zone has a surface which is inclined to the horizontal.

27. An insect trap as claimed in ^{claim 27} ~~any one of claims 23 to 26~~ wherein the magnetic material is a ferromagnetic oxide.

28. An insect trap as claimed in ^{claim 28} ~~any one of claims 23 to 27~~ wherein the said zone is coated with particles of a pesticidal composition ~~as claimed in any one of claims 13 to 20.~~